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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Applicant: O'Donnell (et al)  
Serial No.: 09/975,810  
Filed: 10.12.01  
Title: System and Method for 3D Statistical Shape Model  
For The Left Ventricle of the Heart

Docket No.: 2001P19736 US  
Examiner: to be assigned  
Group Art Unit: 2621  
Date: 19. Jan.2005

CERTIFICATE OF MAILING

I hereby certify that correspondence is being deposited on  
19.Jan.2005 with the U.S. Postal Service with sufficient postage as  
first class mail on the below-indicated date in an envelope addressed  
to: Assistant Commissioner for Patents, Alexandria, VA 22313-1450

  
Donald B. Paschburg, Reg. No. 33,753

Mail Stop PGPUB  
Commissioner for Patents  
P.O.Box 1450  
Alexandria, VA 22313-1450

**LETTER TO OFFICIAL DRAFTSPERSON**  
**IN RESPONSE TO NOTICE REGARDING DRAWINGS**

Sir:

The following is in response to a Notice Regarding Drawings (copy enclosed) and a Notice of Draftsperson's Patent Drawing Review (copy enclosed).

In a telephone conversation with Mr. Steven Fields on January 12, 2005 over concerns of Figures 5 and 6 it was determined that the drawing objection is related to a copying problem and the drawings should be resubmitted.

Pursuant to M.P.E.P. Section 608.02, enclosed please find 2 sheet(s) of formal drawings in the referenced case. These are formal versions of the informal drawings filed with the application.

The following applies hereto:

- ☒ No change has been made to the drawing(s) during the prosecution of this case.
- ☐ Change(s) approved by the Examiner in the Notice of Allowability have been incorporated herein.

\_\_\_ Corrections made herein are informalities noted by the Draftsman on Form PTO-948.

\_\_\_ Reference is made to the Office Action/Notice of Allowability dated

Passage of this case to issue is respectfully requested.

Respectfully submitted,

*Donald B. Paschburg*  
Donald B. Paschburg  
Reg. No.: 33,753

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Intellectual Property Department  
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Enclosure:

VR



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

|  |  |   |  |
|--|--|---|--|
| APPLICATION NUMBER<br><b>09/975810</b> | FILING/RECEIPT DATE<br><b>10/12/2001</b> | FIRST NAMES APPLICANT<br><b>O'DONNELL,<br/>THOMAS</b> | ATTORNEY DOCKET NUMBER<br><b>2001P19736 US</b> |
|--|--|---|--|

*ABP*  
Siemens Corporation  
Intellectual Property Department  
186 Wood Avenue South  
Iselin NJ 08830

Examiner  
**JOHNS, ANDREW**

Art Unit  
**2621**

Date Mailed: January 6, 2005

### Notice Regarding Drawings

Corrected drawings for the above-identified application, received in the USPTO on 11-12-04 are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

#### RETURN CORRECTED DRAWINGS TO:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Steven Fields  
Office of Patent Publication  
Publishing Division  
(703) 305-8335



## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11-12-04 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS.** 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_

☐ Photographs may not be mounted. 37 CFR 1.84(e)

☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER.** 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

☐ All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS.** 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

☐ Margins not acceptable. Fig(s) \_\_\_\_\_

Top (T) \_\_\_\_\_

Left (L) \_\_\_\_\_

Right (R) \_\_\_\_\_

Bottom (B) \_\_\_\_\_

**6. VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with

Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE.** 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) SA-5D

**11. SHADING.** 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) \_\_\_\_\_

☐ Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☒ Figure legends are poor. Fig(s) 6

☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_

☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

**13. LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS.** 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS.** 37 CFR 1.152

☐ Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

Reviewer S. J. Filler

If you have questions, call (703) 305-8404.

Date 1-6-05

Attachment to Paper No. \_\_\_\_\_